<u>Claims</u>

1-15. Cancelled.

16. (currently amended) A method for detecting bacterial sinusitis, said method comprising obtaining a nasal secretion sample from a patient; and measuring said nasal secretion sample for pH, protein content, nitrite content, and leukocyte esterase activity; wherein a pH between 7.5 and 9, and a protein content of at least 100 mg/dL, a presence of nitrite and/or and a presence of leukocyte esterase activity is indicative of bacterial sinusitis.